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Letter of Transmittal

Kennedy/Jenks/Chilton

3336 Bradshaw Road, Suite 320
Sacramento, California 95827
916-362-3251

To: CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD - LOS ANGELES REGION
107 SOUTH BROADWAY, LOS ANGELES, CA 90012-4596

Date: 7/6/88 Job No.: 872505.01

Attention: David Bacharowski

Subject: Pacific Airmotive Corporation

We are sending you:

☒ Attached or ☐ Under separate cover via

the following items:

☐ Plans ☐ Prints ☐ Specifications ☐ Samples ☐ Shop drawings

☐ Copy of letter ☐ Change order ☒ As described below

Copies	Date	No.	Description
1	7/6/88		Groundwater Monitoring Program for Pacific Airmotive Jet Fuel Spill Site

These are transmitted as checked below:

☒ For information and coordination ☐ For review and comment ☐ Resubmit _____ copies for review

☐ For approval ☐ Returned after loan to us ☐ Submit _____ copies for distribution

☐ As requested ☐ _____ ☐ Return _____ corrected prints

Remarks: At the request of Mr. Christopher Andrews of Airwork Corporation, we are submitting this report summarizing the results of our recent sampling of monitoring wells MW-1 and MW-2. If you have any questions about the findings included in our report, please do not hesitate to call us.

Copies to: Mr. Eugene Fox - Pacific Airmotive Corp.
Mr. Christopher Andrews - Airwork Corp.

If enclosures are not as noted, kindly notify us at once.

Kennedy/Jenks/Chilton

By: Noel M Lerner

NOEL M. LERNER, PROJECT MANAGER G 5

Rev 1/86

Kennedy/Jenks/Chilton

Consulting Engineers

3336 Bradshaw Road, Suite 320
Sacramento, California 95827
916-362-3251

6 July 1988

Mr. Christopher Andrews
Vice President, Operations
Airwork Corporation
Millville, New Jersey 08322

Subject: Groundwater Monitoring Program for Pacific Airmotive Corporation Jet Fuel Spill Site
Burbank, CA
(K/J/C 872505.01)

Dear Mr. Andrews:

In accordance with our Agreement dated 1 May 1987, we have completed the third sampling of groundwater from monitoring wells MW-1 and MW-2 at the Pacific Airmotive Corporation (PAC) jet engine test facility in Burbank, CA. These wells were sampled as part of the semi-annual groundwater monitoring program that is being conducted to comply with closure requirements for remediation of a jet fuel pipeline rupture. Remedial actions completed at the site include excavation of soil containing jet fuel to a depth of 30 feet; replacement of the soil with compacted, clean fill; and placement of a new asphalt surface over the site. A two-year groundwater monitoring program was undertaken by PAC at the request of the Regional Water Quality Control Board to evaluate possible migration of jet fuel remaining in soils below the excavated depth to groundwater beneath the site.

GROUNDWATER SAMPLING AND RESULTS

Groundwater samples were analyzed for petroleum hydrocarbons by a gas chromatographic scan obtained with a flame ionization detector utilizing gasoline, diesel fuel and jet fuel as standards. The samples were also analyzed for volatile organic chemicals (VOCs) by EPA Method 8240 utilizing gas chromatography/mass spectroscopy to evaluate disposal options.

The results of laboratory analysis of samples collected in July 1987, February 1988, and the most recent groundwater samples are summarized in Table 1. Copies of laboratory reports are presented in Attachment A to this letter. The locations of the monitoring wells are shown on Figure 1.

Do not agree See Sample # 872505

The results of the recent groundwater sampling for jet fuel are consistent with previous site sampling. Jet fuel has not been detected in groundwater samples collected during the past twelve months.

The results of groundwater analysis for VOCs are also consistent with previous sampling. VOCs were detected in samples from both of the monitoring wells, confirming the results of previous analyses.

As indicated in our letter dated 22 July 1987 to Airwork Corporation, according to P&D operations personnel there have been no discharges of chlorinated hydrocarbons at the site and the VOCs detected in MW-1 and MW-2 are likely to have originated from offsite sources. (upgradient well could confirm.

agree

No diesel fuel was detected above the detection limits of 0.085 mg/L in the recent sampling. In the February 1988 groundwater sampling, the groundwater sample collected from monitoring well MW-2 was found to contain diesel fuel at a concentration of 0.22 mg/L.

RECOMMENDATIONS

Additional monitoring if needed.

Semi-annual groundwater monitoring should continue in accordance with the 2 April 1987 work plan for the two-year period which terminates in June, 1989. The next groundwater sampling is scheduled for February, 1989.

If you have any questions or wish to discuss our findings in greater detail, please do not hesitate to call us.

Very truly yours,

KENNEDY/JENKS/CHILTON

Noel M. Lerner

Noel M. Lerner
Project Manager

NML/vph

Attachments: Table 1
Figure 1
Attachment A - Laboratory Analysis Reports for June, 1988 Analyses

cc: Mr. Eugene Fox, Pacific Airmotive Corporation

- Obtain duplicates during next sampling

Attachment to K/J/C's letter
to Pacific Airwork Corporation
dated 6 July 1988

Kennedy/Jenks/Chilton

TABLE 1

SUMMARY OF GROUNDWATER MONITORING PROGRAM
LABORATORY ANALYSIS RESULTS
PACIFIC AIRMOTIVE CORPORATION
BURBANK, CALIFORNIA
(K/J/C 872505.01)

Sample Source[a]	Chemical[b]	Concentration Detected (6/87)	Concentration Detected (12/87)	Concentration Detected (6/88)
MW-1	Gasoline	<0.16 mg/L[c]	<0.05 mg/L	<0.05 mg/L
	Diesel	<0.24 mg/L	<0.075 mg/L	<0.085 mg/L
	Jet Fuel	<0.24 mg/L	<0.125 mg/L	<0.15 mg/L
	1,1-Dichloroethylene	NA	<5 ug/L	5 ug/L
	Trichloroethylene	NA	24 ug/L	31 ug/L
	Tetrachloroethylene	NA	67 ug/L	160 ug/L
	1,1,2 - Trichloro-1,2,2-Trifluoro-ethane	NA	ND	19 ug/L
MW-2	Gasoline	<0.16 mg/L	<0.05 mg/L	<0.05 mg/L
	* Diesel	<0.24 mg/L	* 0.22 mg/L	<0.085 mg/L
	Jet Fuel	<0.24 mg/L	<0.125 mg/L	<0.15 mg/L
	1,1-Dichloroethylene	NA	5 ug/L	5 ug/L
	Trichloroethylene	NA	41 ug/L	33 ug/L
	Tetrachloroethylene	NA	190 ug/L	200 ug/L
	1,1,2 - Trichloro-1,2,2 - Trifluoro-ethane	NA	ND	20 ug/L
MW-1 and MW-2, Composited	Chloroform	6 ug/L	NA	NA
	Trichloroethylene	32 ug/L	NA	NA
	Tetrachloroethylene	130 ug/L	NA	NA

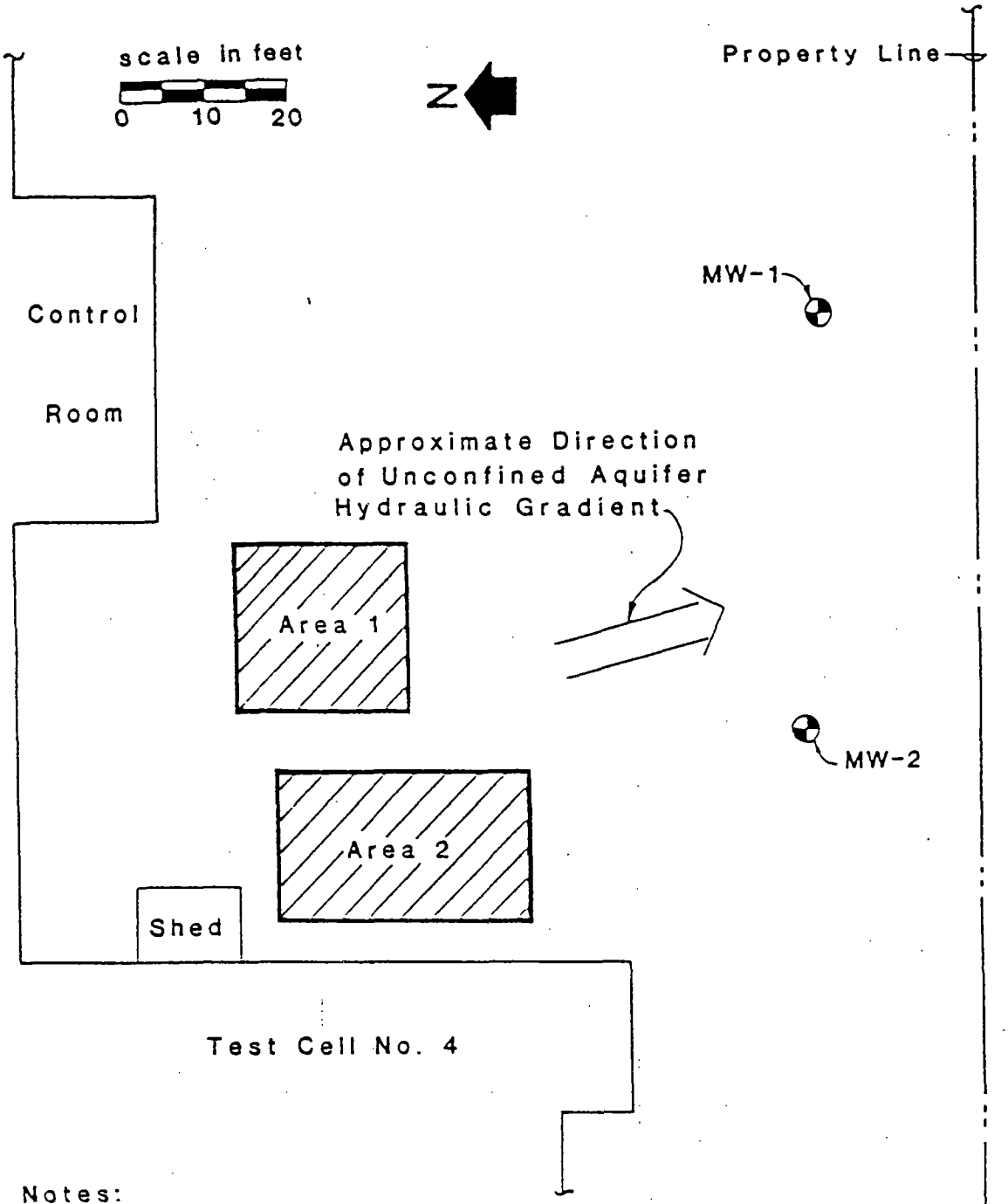
TABLE 1
SUMMARY OF GROUNDWATER MONITORING PROGRAM
LABORATORY ANALYSIS RESULTS
PACIFIC AIRMOTIVE CORPORATION
BURBANK, CALIFORNIA
(K/J/C 872505.01)

(Continued)

a. Refer to Figure 1 for location of monitoring wells.

b. Petroleum hydrocarbons by gas chromatography scan utilizing a flame ionization detector. Volatile organic compounds (VOCs) analyses performed by EPA Method 8240 utilizing gas chromatography/mass spectroscopy.

ND - Not Detected
NA - Not Analyzed
< - Concentration is below the detection limits of the analysis method.



Notes:

1. Area 1, Excavated to a Depth of 25 feet in 1985.

2. Area 2, Excavated to a Depth of 30 feet in 1985.

3. Hydraulic Gradient from "Groundwater Quality Management Plan San Fernando Valley Basin" (Los Angeles Department of Water and Power, July, 1983).

4. All Locations are Approximate.

Kennedy/Jenks/Chilto

Pacific Airmotive Corporatio
Burbank, C

Locations of Groundwater Monitoring Wells

KJ/C 872506.0

July 198

Figure 1

Attachment to Kennedy/Jenks/Chilton's
letter dated 6 July 1988 to Airwork
Corporation

ATTACHMENT A

LABORATORY ANALYSIS REPORTS FOR
JUNE 1988 ANALYSES

Water Analysis Report

Kennedy/Jenks/Chilton
Laboratory Division
657 Howard Street
San Francisco, California 94105
415-362-6065

For Kennedy/Jenks/Chilton
Attention Noel M. Lerner
Address 3336 Bradshaw Road, Suite 320
Sacramento, CA 95827

Received 6/15/88
Reported 6/24/88

(K/J/C 882505.01)

Lab. No. 883559

Source Sample I.D.: 872505-MW1-3

Pacific Airmotive Corp.

Date Collected 6/14/88 Date Analyzed: 6/17-18/88

Time Collected 1000

Collected by K/J/C

Analysis	Units	Analytical Results	Det. Limit
Petroleum Hydrocarbons (as gasoline)	mg/L	<0.05	0.05
Petroleum Hydrocarbons (as diesel fuel)	mg/L	<0.085	0.085
Petroleum Hydrocarbons (as jet fuel)	mg/L	<0.15	0.15

Comments: Analysis of pentane extract by capillary gas chromatography, using flame ionization detection. Commercial hydrocarbons used as comparison standards. Results reported in milligrams per liter.

Analysis by: "Standard Methods for the Examination of Water and Wastewater", Current Edition, APHA.

Analyst WW, BP Manager Leverett R. Smith

Water Analysis Report

Kennedy/Jenks/Chilton
Laboratory Division
657 Howard Street
San Francisco, California 94105
415-362-6065

For Kennedy/Jenks/Chilton
Attention Noel M. Lerner
Address 3336 Bradshaw Road, Suite 320
Sacramento, CA 95827

Received 6/15/88
Reported 6/24/88
Quality Control Page
(K/J/C 882505.01)

Lab. No. 883559

Source Sample I.D.: 872505-MW1-3

Pacific Airmotive Corp.

Date Collected 6/14/88 Date Analyzed: 6/17-18/88

Time Collected 1000

Collected by K/J/C

Analysis	Units		Replicate	Analytical Results	Det. Limit
Petroleum Hydrocarbons (as gasoline)	mg/L	<0.05	<0.05	Spike recovery 99%	0.05
Petroleum Hydrocarbons (as diesel fuel)	mg/L	<0.085	<0.085	Spike recovery 102%	0.085
Petroleum Hydrocarbons (as jet fuel)	mg/L	<0.15	<0.15		0.15

Comments: Analysis of pentane extract by capillary gas chromatography, using flame ionization detection. Commercial hydrocarbons used as comparison standards. Results reported in milligrams per liter.

Analysis by: "Standard Methods for the Examination of Water and Wastewater", Current Edition, APHA.

Analyst WW, BP Manager Leverett R. Smith

Water Analysis Report

Kennedy/Jenks/Chilton
Laboratory Division
657 Howard Street
San Francisco, California 94105
415-362-6065

For Kennedy/Jenks/Chilton
Attention Noel M. Lerner
Address 3336 Bradshaw Road, Suite 320
Sacramento, CA 95827

Received 6/15/88
Reported 6/24/88

(K/J/C 882505.01)

Lab. No. 883560

Source Sample I.D.: 872505-MW2-3

Pacific Airmotive Corp.

Date Collected 6/14/88 Date Analyzed: 6/17-18/88

Time Collected 1150

Collected by K/J/C

Analysis	Units	Analytical Results	Det. Limit
Petroleum Hydrocarbons (as gasoline)	mg/L	<0.05	0.05
Petroleum Hydrocarbons (as diesel fuel)	mg/L	<0.085 (1)	0.085
Petroleum Hydrocarbons (as jet fuel)	mg/L	<0.15	0.15

(1) Note: This sample contains the less volatile components of diesel, but below the detection limit at approximately 0.07 mg/L.

Comments: Analysis of pentane extract by capillary gas chromatography, using flame ionization detection. Commercial hydrocarbons used as comparison standards. Results reported in milligrams per liter.

Analysis by: "Standard Methods for the Examination of Water and Wastewater", Current Edition, APHA.

Analyst WW, BP Manager Leverett R. Smith

Water Analysis Report

Kennedy/Jenks/Chilton
Laboratory Division
657 Howard Street
San Francisco, California 94105
415-362-6065

For Kennedy/Jenks/Chilton
Attention Noel M. Lerner
Address 3336 Bradshaw Road, Suite 320
Sacramento, CA 95827

Received -
Reported 6/24/88

(K/J/C 882505.01)

Lab. No. Method Blank

Source Sample I.D.: Reagent Water

Date Collected -

Date Analyzed: 6/17-18/88

Time Collected -

Collected by K/J/C

Analysis	Units	Analytical Results	Det. Limit
Petroleum Hydrocarbons (as gasoline)	mg/L	<0.05	0.05
Petroleum Hydrocarbons (as diesel fuel)	mg/L	<0.085	0.085
Petroleum Hydrocarbons (as jet fuel)	mg/L	<0.15	0.15

Comments: Analysis of pentane extract by capillary gas chromatography, using flame ionization detection. Commercial hydrocarbons used as comparison standards. Results reported in milligrams per liter.

Analysis by: "Standard Methods for the Examination of Water and Wastewater", Current Edition, APHA.

Analyst WW, BP

Manager Everett R. Smith

GC/MS Priority Pollutant Analysis

Kennedy/Jenks/Chilton, Laboratory Division
657 Howard Street
San Francisco, CA 94105
415-362-6065

For Kennedy/Jenks/Chilton
Attention Noel M. Lerner
Address 3336 Bradshaw Road, Suite 320
Sacramento, CA 95827

Received 6/15/88
Reported 6/24/88
(K/J/C 872505.01)

Lab. No. 883559

Source Sample I.D.: Water- 872505-MW1-3

Pacific Airmotive Corp.

Date Collected 6/14/88 Date Analyzed: 6/21/88

Time Collected 1000

Collected by K/J/C

PRIORITY POLLUTANT COMPOUNDS

Volatiles	ug/L (ppb)	Det. Lim.	Volatiles	ug/L (ppb)	Det. Lim.
chloromethane	<10	10	bromodichloromethane	<5	5
bromomethane	<10	10	1,2-dichloropropane	<5	5
vinyl chloride	<10	10	trans-1,3-dichloropropylene	<5	5
chloroethane	<10	10	trichloroethylene	31	5
methylene chloride	<5	5	benzene	<5	5
acrolein	<30	30	dibromochloromethane	<5	5
acrylonitrile	<10	10	cis-1,3-dichloropropylene	<5	5
trichlorofluoromethane	<5	5	1,1,2-trichloroethane	<5	5
1,1-dichloroethylene	<5	5	2-chloroethylvinyl ether	<5	5
1,1-dichloroethane	<5	5	bromoform	<5	5
1,2-dichloroethylene	<5	5	tetrachloroethylene	160	5
chloroform	<5	5	1,1,2,2-tetrachloroethane	<5	5
1,2-dichloroethane	<5	5	toluene	<5	5
1,1,1-trichloroethane	<5	5	chlorobenzene	<5	5
carbon tetrachloride	<5	5	ethylbenzene	<5	5

NON-PRIORITY POLLUTANT COMPOUNDS

acetonitrile	<30	30	vinyl acetate	<10	10
acetone	<10	10	4-methyl-2-pentanone	<10	10
carbon disulfide	<5	5	2-hexanone	<10	10
1,1,2-Trichloro-1,2,2-trifluoroethane	19	5	styrene	<5	5
2-butanone	<10	10	xylenes	<5	5

Comments: Analysis by U.S. EPA Method 8240, reported in micrograms per liter.

Analyst DC, WW

Manager Leverett R. Smith

GC/MS Priority Pollutant Analysis

Kennedy/Jenks/Chilton, Laboratory Division
657 Howard Street
San Francisco, CA 94105
415-362-6065

For Kennedy/Jenks/Chilton
Attention Noel M. Lerner
Address 3336 Bradshaw Road, Suite 320
Sacramento, CA 95827

Received 6/15/88
Reported 6/24/88
(K/J/C 872505.01)

Lab. No. 883560

Source Sample I.D.: Water- 872505-MW2-3

Pacific Airmotive Corp.

Date Collected 6/14/88 Date Analyzed: 6/21/88

Time Collected 1150

Collected by K/J/C

PRIORITY POLLUTANT COMPOUNDS

Volatiles	ug/L (ppb) Det. Lim.		Volatiles	ug/L (ppb) Det. Lim.	
chloromethane	<10	10	bromodichloromethane	<5	5
bromomethane	<10	10	1,2-dichloropropane	<5	5
vinyl chloride	<10	10	trans-1,3-dichloropropylene	<5	5
chloroethane	<10	10	• trichloroethylene	(33)	5
methylene chloride	<5	5	benzene	<5	5
acrolein	<30	30	dibromochloromethane	<5	5
acrylonitrile	<10	10	cis-1,3-dichloropropylene	<5	5
trichlorofluoromethane	<5	5	1,1,2-trichloroethane	<5	5
1,1-dichloroethylene	<5	5	2-chloroethylvinyl ether	<5	5
1,1-dichloroethane	<5	5	bromoform	<5	5
1,2-dichloroethylene	<5	5	• tetrachloroethylene	(200)	5
chloroform	<5	5	1,1,2,2-tetrachloroethane	<5	5
1,2-dichloroethane	<5	5	toluene	(<5)	5 *
1,1,1-trichloroethane	<5	5	chlorobenzene	<5	5
carbon tetrachloride	<5	5	ethylbenzene	<5	5

NON-PRIORITY POLLUTANT COMPOUNDS

acetonitrile	<30	30	vinyl acetate	<10	10
acetone	<10	10	4-methyl-2-pentanone	<10	10
carbon disulfide	<5	5	2-hexanone	<10	10
• 1,1,2-Trichloro-1,2,2-trifluoroethane	(20)	5	styrene	<5	5
2-butanone	<10	10	xylenes	<5	5

Comments: Analysis by U.S. EPA Method 8240, reported in micrograms per liter.

Analyst DC, WW

Manager Leverett R. Smith

GC/MS Priority Pollutant Analysis

Kennedy/Jenks/Chilton, Laboratory Division
657 Howard Street
San Francisco, CA 94105
415-362-6065

For Kennedy/Jenks/Chilton
Attention Noel M. Lerner
Address 3336 Bradshaw Road, Suite 320
Sacramento, CA 95827

Received 6/15/88
Reported 6/24/88
(K/J/C 872505.01)

Lab. No. 883561

Source Sample I.D.: Water- 872505-Field Blank •

Pacific Airmotive Corp.

Date Collected 6/14/88 Date Analyzed: 6/21/88

Time Collected 1150

Collected by K/J/C

PRIORITY POLLUTANT COMPOUNDS

Volatiles	ug/L (ppb)	Det. Lim.	Volatiles	ug/L (ppb)	Det. Lim.
chloromethane	<10	10	bromodichloromethane	<5	5
bromomethane	<10	10	1,2-dichloropropane	<5	5
vinyl chloride	<10	10	trans-1,3-dichloropropylene	<5	5
chloroethane	<10	10	trichloroethylene	<5	5
methylene chloride	<5	5	benzene	<5	5
acrolein	<30	30	dibromochloromethane	<5	5
acrylonitrile	<10	10	cis-1,3-dichloropropylene	<5	5
trichlorofluoromethane	<5	5	1,1,2-trichloroethane	<5	5
1,1-dichloroethylene	<5	5	2-chloroethylvinyl ether	<5	5
1,1-dichloroethane	<5	5	bromoform	<5	5
1,2-dichloroethylene	<5	5	tetrachloroethylene	<5	5
chloroform	<5	5	1,1,2,2-tetrachloroethane	<5	5
1,2-dichloroethane	<5	5	toluene	<5	5
1,1,1-trichloroethane	<5	5	chlorobenzene	<5	5
carbon tetrachloride	<5	5	ethylbenzene	<5	5

NON-PRIORITY POLLUTANT COMPOUNDS

acetonitrile	<30	30	vinyl acetate	<10	10
acetone	<10	10	4-methyl-2-pentanone	<10	10
carbon disulfide	<5	5	2-hexanone	<10	10
1,1,2-Trichloro-1,2,2-trifluoroethane	<5	5	styrene	<5	5
2-butanone	<10	10	xylenes	<5	5

Comments: Analysis by U.S. EPA Method 8240, reported in micrograms per liter.

Analyst DC, WW Manager Leverett R. Smith

GC/MS Priority Pollutant Analysis

Kennedy/Jenks/Chilton, Laboratory Division
657 Howard Street
San Francisco, CA 94105
415-362-6065

For Kennedy/Jenks/Chilton
Attention Noel M. Lerner
Address 3336 Bradshaw Road, Suite 320
Sacramento, CA 95827

Received 6/15/88
Reported 6/24/88
(K/J/C 872505.01)

Lab. No. 883562

Source Sample I.D.: Water- Travel Blank •

Pacific Airmotive Corp.

Date Collected 6/14/88 Date Analyzed: 6/21/88

Time Collected -

Collected by K/J/C

PRIORITY POLLUTANT COMPOUNDS

Volatiles	ug/L (ppb)	Det. Lim.	Volatiles	ug/L (ppb)	Det. Lim.
chloromethane	<10	10	bromodichloromethane	<5	5
bromomethane	<10	10	1,2-dichloropropane	<5	5
vinyl chloride	<10	10	trans-1,3-dichloropropylene	<5	5
chloroethane	<10	10	trichloroethylene	<5	5
methylene chloride	<5	5	benzene	<5	5
acrolein	<30	30	dibromochloromethane	<5	5
acrylonitrile	<10	10	cis-1,3-dichloropropylene	<5	5
trichlorofluoromethane	<5	5	1,1,2-trichloroethane	<5	5
1,1-dichloroethylene	<5	5	2-chloroethylvinyl ether	<5	5
1,1-dichloroethane	<5	5	bromoform	<5	5
1,2-dichloroethylene	<5	5	tetrachloroethylene	<5	5
chloroform	<5	5	1,1,2,2-tetrachloroethane	<5	5
1,2-dichloroethane	<5	5	toluene	<5	5
1,1,1-trichloroethane	<5	5	chlorobenzene	<5	5
carbon tetrachloride	<5	5	ethylbenzene	<5	5

NON-PRIORITY POLLUTANT COMPOUNDS

acetonitrile	<30	30	vinyl acetate	<10	10
acetone	<10	10	4-methyl-2-pentanone	<10	10
carbon disulfide	<5	5	2-hexanone	<10	10
1,1,2-Trichloro-1,2,2-trifluoroethane	<5	5	styrene	<5	5
2-butanone	<10	10	xylenes	<5	5

Comments: Analysis by U.S. EPA Method 8240, reported in micrograms per liter.

Analyst DC, WW

Manager Everett R. Smith

GC/MS Priority Pollutant Analysis

Kennedy/Jenks/Chilton, Laboratory Division
657 Howard Street
San Francisco, CA 94105
415-362-6065

For Kennedy/Jenks/Chilton
Attention Noel M. Lerner
Address 3336 Bradshaw Road, Suite 320
Sacramento, CA 95827

Received -
Reported 6/24/88
(K/J/C 872505.01)

Lab. No. Method Blank

Source Sample I.D.: Reagent Water •

Date Collected - Date Analyzed: 6/21/88

Time Collected -

Collected by K/J/C

PRIORITY POLLUTANT COMPOUNDS

Volatiles	ug/L (ppb)	Det. Lim.	Volatiles	ug/L (ppb)	Det. Lim.
chloromethane	<10	10	bromodichloromethane	<5	5
bromomethane	<10	10	1,2-dichloropropane	<5	5
vinyl chloride	<10	10	trans-1,3-dichloropropylene	<5	5
chloroethane	<10	10	trichloroethylene	<5	5
methylene chloride	<5	5	benzene	<5	5
acrolein	<30	30	dibromochloromethane	<5	5
acrylonitrile	<10	10	cis-1,3-dichloropropylene	<5	5
trichlorofluoromethane	<5	5	1,1,2-trichloroethane	<5	5
1,1-dichloroethylene	<5	5	2-chloroethylvinyl ether	<5	5
1,1-dichloroethane	<5	5	bromoform	<5	5
1,2-dichloroethylene	<5	5	tetrachloroethylene	<5	5
chloroform	<5	5	1,1,2,2-tetrachloroethane	<5	5
1,2-dichloroethane	<5	5	toluene	<5	5
1,1,1-trichloroethane	<5	5	chlorobenzene	<5	5
carbon tetrachloride	<5	5	ethylbenzene	<5	5

NON-PRIORITY POLLUTANT COMPOUNDS

acetonitrile	<30	30	vinyl acetate	<10	10
acetone	<10	10	4-methyl-2-pentanone	<10	10
carbon disulfide	<5	5	2-hexanone	<10	10
1,1,2-Trichloro-1,2,2-trifluoroethane	<5	5	styrene	<5	5
2-butanone	<10	10	xylenes	<5	5

Comments: Analysis by U.S. EPA Method 8240, reported in micrograms per liter.

Analyst DC, WW

Manager Leverett R. Smith

Kennedy/Jenks/Chilton
Laboratory Division
657 Howard Street
San Francisco, California 94105
415-362-6065

GC/MS Volatiles
Surrogate Standard Recovery Report

For Attention Address: Kennedy/Jenks/Chilton, Noel M. Lerner, 3336 Bradshaw Road, Suite 320, Sacramento, CA 95827

Received -
Reported 6/24/88

Quality Control Page
(K/J/C 882505.01)

Sample Identification		Percent Recoveries		
Lab No.	Type	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
Method Blank	Water	93	94	93
883561	Water	92	91	91
883559	Water	94	94	90
883559 Dup.	Water	91	96	92
883560	Water	88	94	88
883562	Water	95	99	94

Acceptable Recoveries:	Water	Soil
1,2-Dichloroethane-d4	76-114	70-121
Toluene-d8	88-110	81-117
4-Bromofluorobenzene	86-115	74-121

Analyst DC, WW

Manager Everett R. Smith